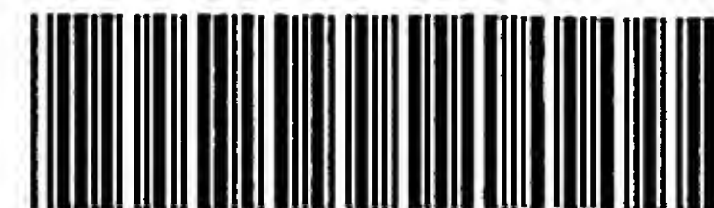


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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/584,692
Source: IFWO
Date Processed by STIC: 07/07/2006

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DATE: 07/07/2006

PATENT APPLICATION: US/10/584,692

TIME: 14:54:41

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 5 <120> TITLE OF INVENTION: Fc Region Variants
 7 <130> FILE REFERENCE: X-16757
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/584,692
 C--> 9 <141> CURRENT FILING DATE: 2006-06-22
 9 <150> PRIOR APPLICATION NUMBER: 60/535,764
 10 <151> PRIOR FILING DATE: 2004-01-12
 12 <160> NUMBER OF SEQ ID NOS: 56
 14 <170> SOFTWARE: PatentIn version 3.3
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 32 35 40 45
 35 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 36 50 55 60
 39 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 40 65 70 75 80
 43 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 44 85 90 95
 47 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 48 100 105 110
 51 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
 52 115 120 125
 55 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 56 130 135 140
 59 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 60 145 150 155 160
 63 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 64 165 170 175
 67 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
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PATENT APPLICATION: US/10/584,692

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94 Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr

95 35 40 45

98 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu

99 50 55 60

102 Gln Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Val His

103 65 70 75 80

106 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys

107 85 90 95

110 Gly Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly Gln

111 100 105 110

114 Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu Met

115 115 120 125

118 Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro

119 130 135 140

122 Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn

123 145 150 155 160

126 Tyr Lys Thr Thr Pro Pro Met Leu Asp Ser Asp Gly Ser Phe Phe Leu

127 165 170 175

130 Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val

131 180 185 190

134 Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln

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139 210 215

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154 20 25 30

157 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Lys Trp

158 35 40 45

161 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu

162 50 55 60

165 Glu Gln Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Leu

166 65 70 75 80

169 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn

170 85 90 95

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PATENT APPLICATION: US/10/584,692

DATE: 07/07/2006

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178          115          120          125
181 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
182          130          135          140
185 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Ser Gly Gln Pro Glu Asn
186 145          150          155          160
189 Asn Tyr Asn Thr Thr Pro Pro Met Leu Asp Ser Asp Gly Ser Phe Phe
190          165          170          175
193 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
194          180          185          190
197 Ile Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn Arg Phe Thr
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220 Val Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp
221          35          40          45
224 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
225          50          55          60
228 Glu Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
229 65          70          75          80
232 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
233          85          90          95
236 Lys Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
237          100          105          110
240 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu Glu
241          115          120          125
244 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245          130          135          140
248 Pro Ser Asp Ile Ala Val Glu Trp Glx Ser Asn Gly Gln Pro Glu Asn
249 145          150          155          160
252 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
253          165          170          175
256 Leu Tyr Ser Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu Gly Asn
257          180          185          190
260 Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
261          195          200          205
264 Gln Lys Ser Leu Ser Leu Ser Leu Gly Lys
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PATENT APPLICATION: US/10/584,692

DATE: 07/07/2006

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280 20 25 30
283 Asp Ile Ser Lys Asp Asp Pro Glu Val Gln Phe Ser Trp Phe Val Asp
284 35 40 45
287 Asp Val Glu Val His Thr Ala Gln Thr Gln Pro Arg Glu Glu Gln Phe
288 50 55 60
291 Asn Ser Thr Phe Arg Ser Val Ser Glu Leu Pro Ile Met His Gln Asp
292 65 70 75 80
295 Cys Leu Asn Gly Lys Glu Phe Lys Cys Arg Val Asn Ser Ala Ala Phe
296 85 90 95
299 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly Arg Pro Lys
300 100 105 110
303 Ala Pro Gln Val Tyr Thr Ile Pro Pro Pro Lys Glu Gln Met Ala Lys
304 115 120 125
307 Asp Lys Val Ser Leu Thr Cys Met Ile Thr Asp Phe Phe Pro Glu Asp
308 130 135 140
311 Ile Thr Val Glu Trp Gln Trp Asn Gly Gln Pro Ala Glu Asn Tyr Lys
312 145 150 155 160
315 Asn Thr Gln Pro Ile Met Asp Thr Asp Gly Ser Tyr Phe Val Tyr Ser
316 165 170 175
319 Lys Leu Asn Val Gln Lys Ser Asn Trp Glu Ala Gly Asn Thr Phe Thr
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346 Val Val Val Asp Val Ser Glu Asp Asp Pro Asp Val Gln Ile Ser Trp
347 35 40 45
350 Phe Val Asn Asn Val Glu Val His Thr Ala Gln Thr Gln Thr His Arg
351 50 55 60
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/584,692

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366 Ser Val Arg Ala Pro Gln Val Tyr Val Leu Pro Pro Pro Glu Glu Glu
367      115      120      125
370 Met Thr Lys Lys Gln Val Thr Leu Thr Cys Met Val Thr Asp Phe Met
371      130      135      140
374 Pro Glu Asp Ile Tyr Val Glu Trp Thr Asn Asn Gly Lys Thr Glu Leu
375 145      150      155      160
378 Asn Tyr Lys Asn Thr Glu Pro Val Leu Asp Ser Asp Gly Ser Tyr Phe
379      165      170      175
382 Met Tyr Ser Lys Leu Arg Val Glu Lys Lys Asn Trp Val Glu Arg Asn
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386 Ser Tyr Ser Cys Ser Val Val His Glu Gly Leu His Asn His His Thr
387      195      200      205
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409 Val Val Val Asp Val Ser Glu Asp Asp Pro Asp Val Gln Ile Ser Trp
410      35      40      45
413 Phe Val Asn Asn Val Glu Val His Thr Ala Gln Thr Gln Thr His Arg
414      50      55      60
417 Glu Asp Tyr Asn Ser Thr Ile Arg Val Val Ser His Leu Pro Ile Gln
418 65      70      75      80
421 His Gln Asp Trp Met Ser Gly Lys Glu Phe Lys Cys Lys Val Asn Asn
422      85      90      95
425 Lys Asp Leu Pro Ser Pro Ile Glu Arg Thr Ile Ser Lys Pro Lys Gly
426      100      105      110
429 Leu Val Arg Ala Pro Gln Val Tyr Thr Leu Pro Pro Pro Ala Glu Gln
430      115      120      125
433 Leu Ser Arg Lys Asp Val Ser Leu Thr Cys Leu Val Val Gly Phe Asn
434      130      135      140
437 Pro Gly Asp Ile Ser Val Glu Trp Thr Ser Asn Gly His Thr Glu Glu
438 145      150      155      160
441 Asn Tyr Lys Asp Thr Ala Pro Val Leu Asp Ser Asp Gly Ser Tyr Phe
442      165      170      175
445 Ile Tyr Ser Lys Leu Asn Met Lys Thr Ser Lys Trp Glu Lys Thr Asp
446      180      185      190
449 Ser Phe Ser Cys Asn Val Arg His Glu Gly Leu Lys Asn Tyr Tyr Leu
450      195      200      205
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/584,692

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TIME: 14:54:42

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L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date